

US 13 BUSINESS IS ASSUMED
TO RUN IN A NORTH-SOUTH DIRECTION

EXISTING SIGNALS
TO BE RELOCATED

1,2,3,4



EXISTING SIGNALS
TO REMAIN

5,6



EXISTING SIGNS TO REMAIN

7,9,10,13

8,11

12

14

15

Church Street



17

18

20

22

NORTH

ONLY

STOP

DO NOT

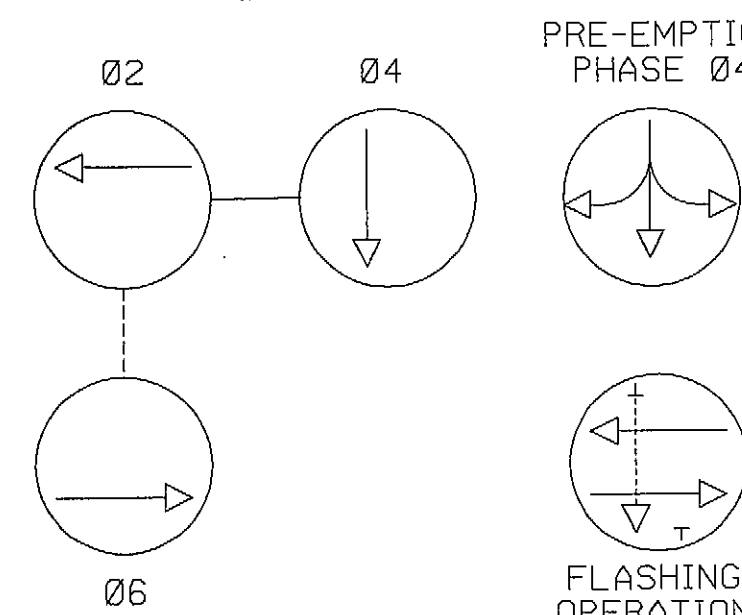
13

RIGHT

TURN

ONLY

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

PROJECT DESCRIPTION

GENERAL
THIS PORTION OF THE PROJECT INVOLVES THE RELOCATION
OF SIGNAL HEADS TO ACCOMMODATE MAINTENANCE OF TRAFFIC
FOR PHASE 1, US 13 BUSINESS IS ASSUMED TO RUN IN A NORTH-SOUTH
DIRECTION.

INTERSECTION OPERATION
THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA THREE-PHASE,
FULL TRAFFIC-ACTUATED MODE. THE EXISTING PRE-EMPTION PHASE WILL
REMAIN.

CONTROLLER REQUIREMENTS
THE EXISTING BASE MOUNTED CABINET AND CONTROLLER SHALL REMAIN.

PHASE CHART

	1	2	3	4	5	6	
	R Y G	R Y G	R Y G	R Y G	R Y G	R Y G	
PHASE 2 AND 6	G	G	G	G	R	R	←
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	R	R	←
PHASE 4	R	R	R	R	G	G	↓
PHASE 4 CHANGE	R	R	R	R	Y	Y	↓
PHASE 4 PRE-EMPTION	R	R	R	R	G	G	↓
PHASE 4 PRE-EMPT. CHANGE	R	R	R	R	Y	Y	↓
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	↓

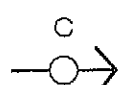
EXISTING VIDEO DETECTION
CAMERA TO REMAIN



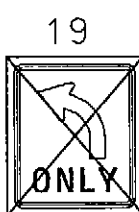
PROPOSED VIDEO
DETECTION CAMERA



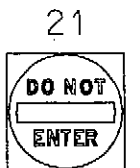
EXISTING OPTICOM
TO REMAIN



EXISTING SIGNS TO BE BAGGED



EXISTING SIGNS TO REMOVED



CONSTRUCTION DETAILS

- RELOCATE EXISTING TRAFFIC SIGNAL HEAD.
- USE EXISTING SIGNAL POLE.
- BAG EXISTING SIGN.
- INSTALL 24 IN. WHITE NONTOXIC LEAD FREE WATERBORNE PAVEMENT MARKING PAINT.
- EXISTING PAVEMENT MARKINGS TO BE REMOVED BY MILLING.
- ABANDON EXISTING LOOP DETECTOR.
- REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT.
- INSTALL PROPOSED VIDEO DETECTION CAMERA ON EXISTING LIGHTING ARM.
- REMOVE EXISTING HANDHOLE. ABANDON EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- USE EXISTING CONDUIT.
- USE EXISTING BASE MOUNTED CABINET.

GENERAL NOTES

- MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MSHA STANDARD TYPICALS FOR TRAFFIC CONTROL.
- THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
- ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
- VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.

THE CONTACT PERSONS FOR DISTRICT #1 / OOTS ARE AS FOLLOWS:

District 1
Mr. Gene Coffell
Assistant District Engineer - Traffic
Phone: 410-677-4040

Mr. Bruce Poole
District Utility Engineer
Phone: 410-677-4082

Mr. James Wright
Assistant District Engineer - Maintenance
Phone: 410-677-4010

Mr. Ravindra Ganvir
Assistant District Engineer - Construction
Phone: 410-677-4020

Office Of Traffic & Safety

Mr. Richard L. Daff Sr.
Chief, Traffic Operations Division
Phone: 410-787-7630

Mr. Robert Snyder
Assistant Division Chief, Traffic Operations
410-787-7630

Mr. Edward Rodenhizer
Team Leader, Signal Operations
Phone: 410-787-7650

Mr. Eugene Bailey
Team Leader, Sign Operations
410-787-7670

The Power Company Representative is:
Delmarva Power
2530 N Salisbury Blvd.
Salisbury, Maryland 21801
1-800-375-7117

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
NONE	NONE	NONE

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

CATEGORY CODE	QUANTITY	DESCRIPTION
114045	55 LF	24 INCH WHITE NONTOXIC LEAD FREE WATERBORNE PAVEMENT MARKING PAINT
120500	1 LS	MAINTENANCE OF TRAFFIC
800000	1 LS	REMOVE AND DISPOSE OF TRAFFIC SIGNAL EQUIPMENT
800000	1 EA	SOLO (TERRA) VIDEO DETECTION CAMERA
860265	4 EA	RELOCATE EXISTING SIGNAL HEAD
861106	230 LF	ELECTRICAL CABLE - 3 CONDUCTOR (NO.14 AWG)

UTILITY LEGEND

—E—E—	ELECTRIC CABLES	—SD—SD—	STORM DRAIN
—A—A—	AERIAL CABLES	—G—G—	GAS MAIN
—T—T—	TELEPHONE CABLES	—W—W—	WATER MAIN
—F—F—	FIBER-OPTIC	—S—S—	SEWER MAIN

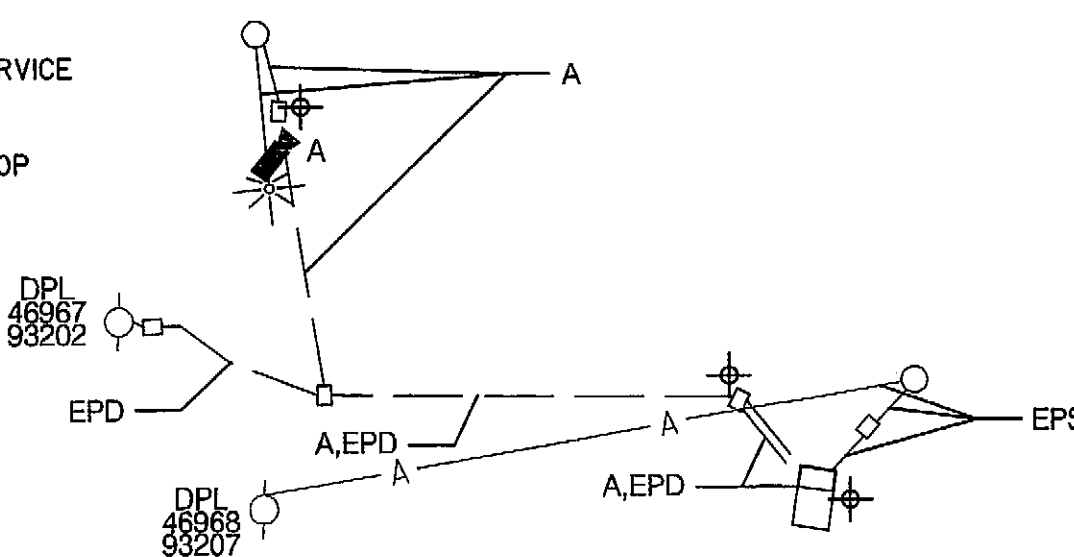
A ELECTRICAL CABLE - 3
CONDUCTOR (NO.14 AWG)

EXISTING GROUND ROD - 3/4 INCH
DIAMETER X 10 FOOT LENGTH.

EPS- EXISTING POWER SERVICE

EPD- EXISTING PHONE DROP

WIRING DIAGRAM



EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
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NONE - ALL REMOVED EQUIPMENT SHALL BECOME THE
PROPERTY OF THE CONTRACTOR

CURRENT WORK ZONE



GEOMETRIC LEGEND

EXISTING
PROPOSED

APPROVALS

TEAM LEADER	ASST. DIV. CHIEF	DIVISION CHIEF	OFFICE DIRECTOR

REVISIONS

NO.	DATE	DESCRIPTION
1	09/20/07	RECONSTRUCT SIGNAL DUE TO NEW BRIDGE GEOMETRICS.
2	09/20/07	INSTALL FIRE PRE-EMPTION EB
3	09/20/07	MODIFICATIONS DUE TO GEOMETRIC CHANGES

SIGNALIZATION PLAN SHEET

SCALE: 1" = 20' ADVERTISED DATE: 02/08/04 CONTRACT NO.: WJ-833-502-185

DESIGNED BY: THOMAS ZAYDEL COUNTY: WJCOMICO
DRAWN BY: THOMAS ZAYDEL LOGMILE: 22B01305.58
CHECKED BY: DENNIS DODA JR. TMS NO.: J116
F.A.P. NO.: TOD NO.:

TS NO. 1942-E DRAWING SG-01 OF 10 SHEET NO. OF

PLOTTED: Friday, November 14, 2008 AT 09:28 AM
FILE: E:\PROJECTS\031212\031212_028\Drawings\TRA\US 13 Business at US 50 Bridge\Drawings\Church\pSG-P001_US13B_Phase1.dgn